

### ASSIGNMENT 3

Textbook Assignment: "Small Arms," chapter 3, pages 3-1 through 3-62.

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| 3-1. | From what source does the Navy get most of its small arms?<br><br>1. The Springfield Armory<br>2. The Marine Corps<br>3. The Army<br>4. The manufacturers  | 3-8.  | What type of small-arms weapon uses the force of the burning propellant to operate the bolt and feeder mechanisms?<br><br>1. Automatic<br>2. Blowback-operated<br>3. Gas-operated<br>4. Semiautomatic                    |
| 3-2. | Small-arms maintenance requirements are found in what publications?<br><br>1. TMs<br>2. Army FMs<br>3. Marine Corps FMs<br>4. MRCs   | 3-9.  | In what type of small-arms operation is the weight of the breech bolt an important factor?<br><br>1. Automatic<br>2. Blowback-operated<br>3. Gas-operated<br>4. Recoil-operated  |
| 3-3. | What is the Navy equivalent of the Army's M1911A1?<br><br>1. Model 1911 Alteration 1<br>2. Mk 1911 Mod 1<br>3. Mark 1911 Model 1<br>4. Model 1911 Modification 1   | 3-10. | In what type of small-arms operation are the barrel and bolt locked together for a short time as they travel rearward after firing?<br><br>1. Automatic<br>2. Blowback-operated<br>3. Gas-operated<br>4. Recoil-operated |
| 3-4. | What is the bore diameter of the 12-gauge shotgun?<br><br>1. .410 in<br>2. .729 in<br>3. .120 in<br>4. .12 mm  | 3-11. | What type of small-arms operation allows a weapon to keep firing as long as the trigger is kept pulled?<br><br>1. Automatic<br>2. Blowback-operated<br>3. Gas-operated<br>4. Recoil-operated                             |
| 3-5. | What function in the small-arms cycle of operation keeps the bolt closed after firing to prevent loss of gas pressure?<br><br>1. Ejection<br>2. Extraction<br>3. Feeding<br>4. Locking   | 3-12. | What term defines the greatest distance a weapon can be expected to fire accurately?<br><br>1. Maximum accurate range<br>2. Accurate range<br>3. Effective distance<br>4. Maximum effective range                        |
| 3-6. | What two small-arms components work together to remove a spent cartridge case from the chamber and expel it from the weapon?<br><br>1. Case remover and ejector<br>2. Extractor and ejector<br>3. Case remover and extractor<br>4. Sear and case extractor | 3-13. | What term defines the number of rounds per minute that a weapon can fire in full automatic operation?<br><br>1. Cyclic rate of fire<br>2. Sustained rate of fire<br>3. Maximum rate of fire<br>4. Timed rate of fire     |
| 3-7. | What type of small-arms weapon requires the trigger to be pulled each time a round is to be fired?<br><br>1. Automatic<br>2. Blowback-operated<br>3. Gas-operated<br>4. Semiautomatic  | 3-14. | The magazine of an M1911A1 pistol can hold a total of how many rounds ?<br><br>1. Five<br>2. Six<br>3. Seven<br>4. Nine  |

- 3-15. The M1911A1 pistol uses what type of operation?
1. Autoloading
  2. Automatic
  3. Gas operation
  4. Recoil operation
- 3-16. Which of the following actions should you take before performing any work on a weapon?
1. Dry-fire the weapon
  2. Make sure the weapon is clear of ammunition
  3. Obtain permission from the work center supervisor
  4. Inform the work center supervisor
- 3-17. What is the first step in field-stripping an M1911A1 pistol?
1. Removing the slide stop
  2. Releasing the operating spring tension
  3. Removing the firing pin
  4. Removing the barrel bushing
- 3-18. Which of the following is a positive safety on the M1911A1 pistol?
1. Safety lock
  2. Grip safety
  3. Disconnect safety
  4. Half-cocked safety
- 3-19. In what direction are the pins of an M1911A1 pistol installed during reassembly?
1. Right-to-left only
  2. Left-to-right only
  3. Either left-to-right or right-to-left
  4. Some are installed left-to-right and some are installed right-to-left
- 3-20. On an M1911A1 pistol, when does the disconnecter function to prevent firing?
1. When the hammer is not fully cocked
  2. When the safety lock is engaged
  3. When the slide is fully forward
  4. When the slide is not fully forward
- 3-21. How does the grip safety prevent firing of the M1911A1 pistol?
1. By locking the sear in place
  2. By locking the hammer in place
  3. By directly preventing movement of the sear
  4. By preventing movement of the trigger
- 3-22. During firing, what action unlocks the barrel of an M1911A1 pistol from its slide?
1. The downward pivot of the barrel during recoil
  2. The spring action of the extractor
  3. The spring action of the operating spring
  4. The caroming action of the barrel link as it passes over the disconnecter
- 3-23. What Navy personnel are often issued the .38-caliber pistol?
1. Flight personnel only
  2. Flight and security personnel ashore
  3. Surface ship security personnel only
  4. Security personnel ashore and aboard submarines
- 3-24. What action does the term "double-action firing" define when applied to the .38-caliber pistol?
1. That the hammer must be pulled back to the full-cocked position for each round fired
  2. That the cylinder is automatically rotated when the hammer is cocked
  3. That the hammer is automatically recocked after each firing using recoil forces
  4. That the cylinder is rotated and the hammer raised and released for firing, all by pulling the trigger
- 3-25. What safety feature on the .38-caliber pistol prevents accidental firing of the uncocked pistol if it is dropped?
1. The hammer block
  2. The disconnecter
  3. The rebound slide
  4. The firing interrupt

- 3-26. When disassembling the .38-caliber pistol for cleaning, what must you do to remove the cylinder? (Refer to figure 3-18, view B.)
1. Remove sideplate screw No.1 only
  2. Hold the thumb piece forward while cocking the weapon only
  3. Remove sideplate screws No. 1 and 2, then hold the thumb piece forward while cocking the weapon
  4. Unscrew the ejector plunger
- 3-27. The safety is in what location on the M-14 rifle?
1. On the left rear side of the receiver
  2. Forward of the trigger guard
  3. On the right rear side of the receiver
  4. In the center of the rear hand grip
- 3-28. What condition probably exists if the safety on an M-14 rifle will not engage?
1. There is no magazine in the weapon
  2. The bolt is not fully forward
  3. The weapon is not cocked
  4. The weapon is not loaded
- 3-29. What device activates the bolt lock of an M-14 rifle to hold the bolt open after the last round is fired?
1. The connector
  2. The disconnecter
  3. The magazine latch
  4. The magazine follower
- 3-30. The M-14 rifle uses what type of operation?
1. Blowback
  2. Gas
  3. Radial
  4. Recoil
- 3-31. When is an M-14 rifle considered clear?
1. After the last round is fired, the bolt is open, and the safety is set
  2. When the safety is set, the bolt is open, and there is no round in the chamber only
  3. When the magazine is out, the bolt is open, and there is no round in the chamber only
  4. When the bolt is open, the magazine is out, the safety is set, and there is no round in the chamber
- 3-32. What action should you take to remove the firing mechanism of an M-14 rifle?
1. Rotate the trigger guard away from the stock while depressing the trigger
  2. Rotate the trigger guard 90 degrees away from the stock
  3. Depress the retaining latch using the maintenance tool provided
  4. Depress the retaining latch using the pointed end of a cartridge
- 3-33. Field-stripping an M-14 rifle does NOT include which of the following?
1. Removing the extractor from the bolt
  2. Removing the bolt from the weapon
  3. Removing the stock from the receiver
  4. Removing the operating rod and connector
- 3-34. The A1 upgrade to the M-16 rifle provides what change?
1. Increased the bolt tolerances
  2. Added the charging handle
  3. Made the weapon capable of full automatic fire
  4. Added the forward assist mechanism
- 3-35. What must be done to remove the upper receiver from the lower receiver of the M16 rifle?
1. Unscrew the takedown and pivot pins
  2. Detach the left and right retaining latches
  3. Depress the retaining latches with the cleaning rod
  4. Press the takedown and pivot pins
- 3-36. Why is it preferable to load an M-16A1 rifle with the bolt open?
1. It reduces the likelihood of first round stoppages
  2. It is safer
  3. It reduces the possibility of accidentally firing the weapon
  4. It allows the operator to inspect the chamber before loading

- 3-37. What must be done to chamber a round in an M-16A1 rifle if the magazine is inserted with the bolt closed?
1. The charging handle must be depressed
  2. The charging handle must be pulled fully to the rear and then eased back into the forward position
  3. The charging handle must be pulled fully to the rear and released
  4. The charging handle must be pulled to the rear and locked in position until the first round is fired
- 3-38. The operator of an M-16A1 rifle should strike the forward assist under what conditions?
1. After inserting a magazine
  2. After chambering the first round
  3. After the bolt fails to go fully forward
  4. When the magazine is stuck
- 3-39. When fully loaded, the tubular magazine of the M870 shotgun holds what maximum number of rounds of ammunition?
1. Five
  2. six
  3. Three
  4. Four
- 3-40. The safety is in what location on the M870 shotgun?
1. In the center of the rear hand grip
  2. On top of the receiver
  3. In the front of the trigger guard
  4. To the rear of the trigger guard
- 3-41. To be in the SAFE position, you must push the safety of the M870 shotgun in what direction?
1. Left to right
  2. Right to left
  3. Front to back
  4. Back to front
- 3-42. To pump the fore-end to the rear when the M870 shotgun is cocked, you must take what action?
1. Release the safety
  2. Set the safety
  3. Press the action bar lock
  4. Release the action bar lock
- 3-43. What is the function of the action bar lock on the M870 shotgun?
1. It disconnects the trigger and sear assembly while the bolt is open and aligns each round of ammunition for proper seating
  2. It aligns each round of ammunition for proper seating and locks the action closed
  3. It locks the action closed and disconnects the trigger and sear assembly while the bolt is open
  4. It aligns each round of ammunition for proper seating and prevents double feeding
- 3-44. At what point in the movement of the fore-end of an M870 shotgun is a round of ammunition released from the tubular magazine and fed into the chamber?
1. At the beginning of forward movement
  2. At the end of rearward movement
  3. When the action bar lock is released after firing
  4. As the spent shell casing is ejected
- 3-45. What action must be taken to remove the barrel of the M870 shotgun?
1. Unscrew the barrel retaining nut
  2. Drive out the barrel retaining pins
  3. Rotate the barrel lock 90 degrees
  4. Remove the magazine cap
- 3-46. What action must be taken to remove the breech bolt from the M870 shotgun?
1. Drive out the breech bolt retaining pin
  2. Remove the fore-end unit from the receiver
  3. Remove the bolt retainer and then pull the bolt through the ejection port
  4. Remove the trigger plate assembly and pull the bolt through the bottom of the receiver
- 3-47. The safety switch is in what location on the M500 shotgun?
1. On top of the receiver
  2. To the rear of the trigger guard
  3. To the front of the trigger guard
  4. On the bottom of the receiver

- 3-48. The Mk 87 Mod 1 line-throwing kit launcher is installed on an M-14 rifle in what manner?
1. The flash suppressor is removed from the rifle and the launcher is screwed onto the barrel in its place
  2. The launcher is clamped to the gas cylinder of the rifle
  3. The launcher is clamped around the flash suppressor
  4. The launcher is slid over the flash suppressor and latched to the bayonet lug
- 3-49. What factor determines the active life of a chemical light wand?
1. Its age
  2. Its chemical composition
  3. The ambient temperature
  4. Barometric pressure
- 3-50. What is the approximate total length of a roll of shot line?
1. 330 ft
  2. 500 ft
  3. 550 ft
  4. 600 ft
- 3-51. What is the maximum reliable range of a line-throwing projectile fired from an M-14 rifle?
1. 80 yd
  2. 90 yd
  3. 95 yd
  4. 100 yd
- 3-52. What is the maximum effective range of the M2 BMG?
1. 2,000 yd
  2. 4,000 yd
  3. 5,000 yd
  4. 7,400 yd
- 3-53. The M2 BMG uses what type of operation?
1. Blowback-operated
  2. Gas-operated
  3. Recoil-operated
  4. Spring and cam operated
- 3-54. Which of the following terms defines the distance between the face of the bolt and the base of a cartridge case fully seated in the chamber of an M2 BMG?
1. Bolt gap
  2. Feed space
  3. Head space
  4. Timing space
- 3-55. When firing the M2 BMG, what factor determines automatic or semi-automatic mode of operation?
1. The position of the firing selector switch
  2. The position of the safety switch
  3. The position of the bolt latch release lock
  4. The set of triggers the operator uses
- 3-56. After the operator of the M2 BMG releases the trigger, what emergency action must be taken if firing continues?
1. Keep the weapon on target and allow it to expend all ammunition
  2. Open the feeder cover and remove the ammunition belt
  3. Break off the ammunition belt
  4. Twist the ammunition belt
- 3-57. Excessive oiling of the M2 BMG should be avoided for what reason?
1. It is wasteful and unnecessary
  2. When fired, the oil may splatter on the operator, possibly getting in his eyes
  3. It is a fire hazard during sustained firing
  4. It can solidify causing sluggish operation
- 3-58. What is the maximum effective range of the M-60 machine gun?
1. 1,100 yd
  2. 1,200 yd
  3. 1,000 m
  4. 1,200 m
- 3-59. When firing at a target 500 yards away, what total number of clicks of the windage knob on an M-60 machine gun will correct for a 5-yard discrepancy?
1. 5
  2. 8
  3. 10
  4. 20
- 3-60. The M-60 machine gun uses what type of operation?
1. Blowback
  2. Gas
  3. Recoil
  4. Semiautomatic

- 3-61. What action causes the firing pin to strike the primer of a chambered round in the M-60 machine gun?
1. The hammer striking the rear of the firing pin
  2. A machined knob on the face of the bolt striking the primer as the bolt closes
  3. The firing pin being carried forward into the primer by the operating rod yoke
  4. The hammer striking the rear of the bolt transmits force to the firing pin and into the primer
- 3-62. What action causes the bolt of the M-60 machine gun to lock into the barrel?
1. The cammed barrel causes the bolt to turn 90 degrees counterclockwise locking its three lugs into machined slots in the barrel
  2. The operating rod yoke rides against the bolt camming slot to turn the bolt 90 degrees clockwise
  3. Spring pressure
  4. Two locking levers are cammed out and over the two bolt lugs as it closes the breech
- 3-63. What is the state of the M-60 machine gun when the trigger is released after firing?
1. The bolt is locked to the rear and a round is aligned in the feed tray
  2. The bolt is forward with a round in the chamber
  3. The bolt is locked to the rear with a fresh round held on the bolt face by the extractor
  4. The bolt is locked in the half-cocked position with a round in the feeder guide
- 3-64. Which of the following is NOT a component in the operating group of the M-60 machine gun?
1. Bolt
  2. Drive spring
  3. Sear
  4. Spring guide
- 3-65. The sear notch is in what location on an M-60 machine gun?
1. On the bottom rear of the bolt
  2. On the bottom of the operating rod
  3. On the rear of the hammer
  4. On the side of the hammer
- 3-66. When disassembling an M-60 machine gun, what component must you remove before removing the operating group?
1. The barrel
  2. The forehand grip
  3. The trigger group
  4. The buffer group
- 3-67. What is the maximum range of the Mk 16 Mod 5 machine gun?
1. 5,000 yd
  2. 6,000 yd
  3. 7,000 yd
  4. 8,000 yd
- 3-68. How is the M79 grenade launcher cocked?
1. By manually cocking the hammer using your thumb
  2. The weapon cocks itself as the bolt is retracted
  3. The weapon cocks itself as it is opened
  4. By retracting the charging lever
- 3-69. What action is accomplished when the barrel locking latch of the M79 grenade launcher is moved all the way to the right?
1. The safety is set
  2. The barrel is locked in preparation for firing
  3. The safety is disengaged
  4. The direct fire sight is visible for use
- 3-70. What is the battle sight range of the M79 grenade launcher?
1. 50 - 80 ft only
  2. 50 - 80 yd
  3. 165 - 265 ft only
  4. 165 - 265 m
- 3-71. What action must be taken to remove the barrel from the stock of an M79 grenade launcher?
1. Remove the retaining latches
  2. Remove the securing pin
  3. Remove the stock
  4. Remove the fore-end

- 3-72. Which of the following is NOT a characteristic of the Mk 19 Mod 3 machine gun?
1. Blowback-operated and air-cooled
  2. Fire linked ammunition of the same size as the M79
  3. Fully automatic
  4. Bolt is held in the rear position with a round in the bolt fingers at cease fire
- 3-73. When loading the Mk 19 Mod 3 machine gun, what action must the operator take before closing the top cover?
1. Move the ejector assembly forward
  2. Set the safety lever to the left
  3. Move the slide assembly to the left
  4. Align the ejector and slide assemblies
- 3-74. When fully loading the Mk 19 Mod 3 machine gun, the second pull of the charger handles accomplishes what action?
1. Delinks a round and chambers it for firing
  2. Positions a round in the bolt fingers
  3. Positions a round on the bolt face
  4. Delinks a round and releases the bolt sear
- 3-75. What action causes the spent case to be ejected from the Mk 19 Mod 3 machine gun?
1. The camming action of the ejector mechanism
  2. A fresh cartridge moving down the bolt face
  3. The forward motion of the bolt as it chambers a fresh cartridge
  4. The action of the feeder drive mechanism